



**THE READABILITY LEVEL OF “*BUKU SEKOLAH  
ELEKTRONIK (BSE) BAHASA INGGRIS KELAS XI*”  
TEXTBOOK FOR SENIOR HIGH SCHOOL**

**BY:  
HAFIZH DWI HANDAYANI  
2011-32-086**

**ENGLISH EDUCATION DEPARTMENT  
TEACHER TRAINING AND EDUCATION FACULTY  
MURIA KUDUS UNIVERSITY  
2015**



**THE READABILITY LEVEL OF “*BUKU SEKOLAH  
ELEKTRONIK (BSE) BAHASA INGGRIS KELAS XI*”  
TEXTBOOK FOR SENIOR HIGH SCHOOL**

**SKRIPSI**

**Presented to the University of Muria Kudus  
in Partial Fulfillment of the Requirements for Completing  
the Sarjana Program in English Education**

**BY:  
HAFIZH DWI HANDAYANI  
2011-32-086**

**ENGLISH EDUCATION DEPARTMENT  
TEACHER TRAINING AND EDUCATION FACULTY  
MURIA KUDUS UNIVERSITY  
2015**

## MOTTO AND DEDICATION

- “Never give up on what you really want to do. The person with big dream is more powerful than the one with all fact” (Albert Einstein).
- “Logic will get you from A to B, but imagination will take you everywhere” (Albert Einstein).
- “When your brain has been filled by knowledge, you may be able to fly without wings, because it allows you to the real world” (Anonymous).

### The skripsi is dedicated to:

- *Allah SWT for blessing to finish this skripsi and the prophet Muhammad SAW who has inspired and guided us to be good Muslim.*
- *Her beloved mother and father (Jayadi and Jumiyyatun) who have given their endless support, prayer, and motivation to face by bright future.*
- *Her old sisters (Erni Kusriani Septianti) who always make a good thing.*
- *Her close friends and all her friends who give support and motivation.*
- *Her lecturers of English study program and her almamater.*

#### ADVISOR'S APPROVAL

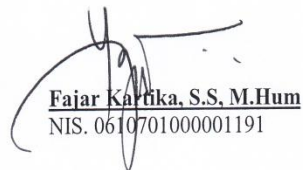
This is to certify that the *Skripsi* of Hafizh Dwi Handayani (NIM: 201132086) has been approved by the skripsi advisors for further approval by the Examining Committee.

Kudus, 15 August 2015  
Advisor I



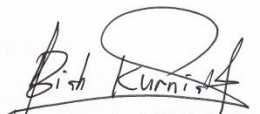
Rismiyanto, S.S., M.Pd  
NIS. 0610701000001146

Advisor II



Fajar Kartika, S.S., M.Hum  
NIS. 0610701000001191

Acknowledged by  
Head of English Education Department  
The Faculty of Teacher Training and Education

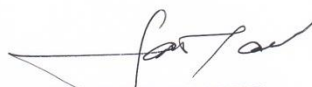


Diah Kurniati, S.Pd., M.Pd  
NIS. 0610701000001190

#### EXAMNINERS' APPROVAL

This is to certify that the Skripsi of Hafizh Dwi Handayani (NIM: 201132086) has been approved by the Examining Committee as a requirement for the Sarjana Degree of English Education.


Kudus,  
19 September 2015  
Skripsi Examining Committee:

  
Rismiyanto, S.S. M.Pd  
NIS. 0610701000001146


, Chairperson

  
Fajar Kartika, S.S. M.Hum  
NIS. 0610701000001191



, Member

  
Drs. Supriyadi, M.Pd  
NIP. 19570616 198403 1 015

, Member

  
Atik Rokhivani, S.Pd, M.Pd  
NIS. 0610701000001207

, Member

Acknowledged by  
The Faculty of Teacher Training and Education  
Dean,  
  
  
Dr. Slamet Utomo, M.Pd  
NIP. 19621219 198703 1 015



## ACKNOWLEDGEMENT

Here, the researcher would like to express the special thanks. Alhamdulillah thanks to Allah SWT the almighty and the merciful for the blessing, miracle, and inspiration given to the researcher to finish this skripsi entitled *Readability Level of “Buku Sekolah Elektronik (BSE) Kelas XI” Textbook for Senior High School*.

Praise and invocation are also given to our Prophet, Muhammad SAW, who is always hoped his intercession in the end of the world. The researcher also would like to express her gratitude to several persons who have helped her, namely:

1. Dr. Slamet Utomo, M.Pd as the Dean of the Faculty of Teacher Training and Education of Muria Kudus University.
2. Diah Kurniati, S.Pd., M.Pd as the Head of Department of English Education.
3. Rismiyanto, SS, M.Pd as the First Advisor for his best suggestions, guidance, and motivation in finishing this final project.
4. Fajar Kartika, SS, M.Hum as the Second Advisor for his best suggestions, guidance, and motivation in finishing this final project.
5. All the lecturers of English Education Department, for their guidance and knowledge given during the writer's study at Muria Kudus University.
6. Her beloved parents (Jayadi and Jumiyatun) and my old sister (Erni Kusrini Septianti) for their love, moral support, attention, and finance.

7. Her beloved boyfriend (Imam Arif Wibowo) thanks for your pray, support and motivation.

8. Her close friends (Ninik, santi, rika, dias, dina, olive, gracia) thanks for your helps, support and motivation in finishing this skripsi, and all of her friends that cannot mention one by one, thanks a lot for the kindness.

Finally, the writer feel that this skripsi is not perfect, some critics and suggestion are expected to analyzed and hopefully to make this skripsi more perfect, and the writer hopes that this skripsi will be useful for all reader.

Kudus, August 2015

The writer

Hafizh Dwi  
Handayani  
201132086



## ABSTRAK

Handayani, Hafizh Dwi 2015. Tingkat Keterbacaan "*Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI*" merupakan sebuah Buku Bahasa Inggris untuk SMA. Skripsi. Program Studi Pendidikan Bahasa Inggris, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Muria Kudus. Pembimbing: (i) Rismiyanto, SS, M.Pd (ii) Fajar Kartika, SS, M.Hum.

**Kata Kunci:** *Tingkat Keterbacaan, buku, Fry Grafik, Rumus Keterbacaan SMOG.*

Membaca sebagai suatu kegiatan untuk memahami teks, itu sangat perlu untuk dilakukan. Melalui membaca, orang bisa mendapatkan banyak informasi, terutama informasi yang ditulis dan juga dapat meningkatkan pengetahuan pembaca. Salah satu kriteria untuk buku teks yang baik adalah kelayakan isi/materi. Keterbacaan adalah tingkat kesulitan dari teks bacaan. Hal ini penting untuk menganalisis tingkat keterbacaan teks karena keterbacaan dapat digunakan untuk mengukur apakah teks sesuai untuk tingkat siswa tertentu.

Penelitian ini bertujuan untuk mengetahui tingkat keterbacaan pada teks bacaan pada buku bahasa Inggris untuk SMA berjudul "*Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI*" dengan sub tujuan dari penelitian ini sebagai berikut: (1) apakah teks bacaan di buku dapat dibaca untuk siswa kelas XI berdasarkan Fry Grafik (3) apakah teks bacaan dalam buku dapat dibaca untuk siswa kelas XI berdasarkan Rumus Keterbacaan SMOG.

Ini adalah penelitian kualitatif dan dilakukan dengan menggunakan metode deskriptif kualitatif. Penulis akan mengambil semua teks bacaan dalam buku bahasa Inggris di semester pertama berjudul "*Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI*" dan menganalisis data dengan menggunakan Fry Graph dan Rumus Keterbacaan SMOG.

Dengan menggunakan Fry Graph, hasil penelitian menunjukkan tingkat kelas keterbacaan teks berjudul "*Ikan yg Mempesona*" adalah 6, untuk teks "*Bullying: Sebuah Kanker yang Harus Dibasmi*" adalah 11, untuk teks "*Presiden Indonesia*" adalah 11, dan untuk teks "*Surat untuk Tuhan*" adalah 7. Ini berarti bahwa ada dua teks yg berada di kelas 11 yang cocok untuk dibaca oleh beberapa orang dewasa, untuk teks di kelas 6 berarti dibaca oleh kebanyakan orang dewasa, dan untuk teks di kelas 7 berarti dibaca oleh setengah atau lebih orang dewasa. Sementara dengan menggunakan Rumus Keterbacaan SMOG, tingkat kelas keterbacaan teks berjudul "*Ikan yg Mempesona*" adalah 7, untuk teks "*Bullying: Sebuah Kanker yang Harus Dibasmi*" adalah 11, untuk teks "*Presiden Indonesia*" adalah 11, dan untuk teks "*Surat untuk Tuhan*" adalah 8. Ini berarti bahwa ada dua teks cocok untuk SMA, terutama siswa kelas sebelas. Teks dalam kelas 7, itu berarti bahwa cocok untuk SMP, terutama siswa kelas tujuh. Teks dalam kelas 8, berarti cocok untuk SMP, terutama siswa kelas delapan. Dari hasil perhitungan dengan menggunakan Fry Graph dan Rumus Keterbacaan SMOG, penulis dapat menafsirkan bahwa semua teks dapat dibaca oleh siswa kelas XI.

Berdasarkan hasil tersebut, penulis menunjukkan bahwa guru bahasa Inggris harus mempersiapkan dan memilih bahan ajar dengan baik, tidak hanya dari satu buku, tetapi juga dari sumber lain.



## ABSTRACT

Handayani, Hafizh Dwi 2015. *The Readability Level of “Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI” an English Textbook for Senior High School*. Skripsi. English Education Department, Teacher Training and Education Faculty, Muria Kudus University. Advisor: (i) Rismiyanto, SS, M.Pd (ii) Fajar Kartika, SS, M.Hum.

**Key Words:** *Readability Level, textbook, Fry Graph, SMOG Readability Formula.*

Reading as an activity to understand a text, it is very necessary to be done. Through reading, the people can get much information, especially written information and also can improve the reader's knowledge. One of the criteria for good textbook is eligibility of content/ material. Readability is the difficulty level of the reading text. It is important to analyse the readability level of text because readability can be used to measure whether a text is appropriate for a particular level of students.

This research aims to find out the readability level of the reading texts on English textbook for Senior High School entitled “*Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI*” with sub objectives of this research as follow: (1) whether the reading texts in the textbook is readable for the eleventh graders based on the Fry Graph (3) whether the reading texts in the textbook is readable for the eleventh graders based on the SMOG Formula.

This is qualitative research and conducted by using a descriptive qualitative method. The writer will take all of the reading texts in an English textbook in the first semester entitle “*Buku Sekolah Elektronik (BSE) Bahasa Inggris Kelas XI*” and analyse the data by using Fry Graph and SMOG Readability Formula.

By using Fry Graph, the result of the research shows the readability grade level of text entitled “The Enchanted Fish” is 6, for the text “Bullying: A Cancer that Must Be Eradicated” is 11, for the text “President of Indonesia” is 11, and for the text “Letter to God” is 7. It means that there are two texts in grade 11 which is readable by few adults, for the text in grade 6 means readable by most adults, and for the text in grade 7 means readable by half or more adults. While by using SMOG Readability Formula, the readability grade level of text entitled “The Enchanted Fish” is 7, for the text “Bullying: A Cancer that Must Be Eradicated” is 11, for the text “President of Indonesia” is 11, and for the text “Letter to God” is 8. It means that the two texts suitable for Senior High School, especially eleventh graders. For text in grade 7, it means that suitable for Junior High school, especially seventh graders. For text in grade 8, it means that suitable for Junior High school, especially eighth graders. From the result of calculation by using Fry Graph and SMOG Readability Formula, the writer can interpret that all reading texts readable for eleventh graders.

Based on the result, the writer suggests that The English teachers should prepare and select teaching materials well, not only from one textbook, but also from other sources.

## TABLE OF CONTENT

	<b>Page</b>
<b>COVER</b> .....	i
<b>LOGO</b> .....	ii
<b>TITLE</b> .....	iii
<b>MOTTO AND DEDICATION</b> .....	iv
<b>ADVISORS' APPROVAL</b> .....	v
<b>EXAMNINERS' APPROVAL</b> .....	vi
<b>ACKNOWLEDGEMENT</b> .....	vii
<b>ABSTRAK</b> .....	ix
<b>ABSTRACT</b> .....	xi
<b>TABLE OF CONTENTS</b> .....	xii
<b>LIST OF TABLES</b> .....	xv
<b>LIST OF FIGURES / DIAGRAM</b> .....	xvi
<b>LIST OF APPENDICES</b> .....	xvii
<b>CHAPTER I INTRODUCTION</b>	
1.1 Background of the Study .....	1
1.2 Statement of the Problems .....	5
1.3 Objective of the Research .....	5
1.4 Significance of the Research .....	6
1.5 Scope of the Research .....	7
1.6 Operational Definiton .....	7
<b>CHAPTER II REVIEW OF RELATED LITERATURE</b>	
2.1 Textbook .....	8
2.1.1 Definition of Textbook .....	8
2.1.2 Textbook Selection .....	9
2.1.3 Criteria of Good Text.....	10
2.2 Buku Sekolah Elektronik (BSE)/e-book.....	11
2.3 Concept of Readability .....	12



2.3.1.	Definition of Readability .....	12
2.3.2.	Factors that Influenced Readability .....	14
2.4	Importance of Readability Formulas.....	14
2.5	Readability Measurements .....	14
2.5.1	Flesch's Reading Ease Formula.....	15
2.5.2	Flesch's Grade Level/ Flesch-Kincaid Grade Level.....	15
2.5.3	Robert Gunning's Fox Index .....	16
2.5.4	The SMOG Readability Formula.....	17
2.5.5	Fry's Readability Graph.....	18
2.5.6	New Dale-Chall Formula.....	20
2.5.7	Power-Sumner-Kear Readability Formula .....	21
2.5.8	FORCAST Readability Formula.....	22
2.5.9	SPACHE Readability Formula .....	23
2.6	Review to Previous Research .....	23
2.7	Theoretical Framework.....	24
 <b>CHAPTER III METHOD OF THE RESEARCH</b>		
3.1	Design of the Research .....	26
3.2	Data and Data Source.....	27
3.3	Data Collection.....	27
3.4	Data Analysis .....	28
 <b>CHAPTER IV FINDING OF THE RESEARCH</b>		
4.1	The Readability of the Textbook by Using Fry Graph .....	34

4.2 The Readability of the Textbook by Using SMOG Readability Formula .....	36
4.3 The Analysis of Data .....	36
4.3.1. The Readability Level of the Textbook by Using Fry Graph .....	36
4.3.2. The Readability Level of the Textbook by Using SMOG Readability Formula.....	40
 <b>CHAPTER V DISCUSSION</b>	
5.1 The Readability Level of the Textbook by Using Fry Graph .....	43
5.2 The Readability Level of the Textbook by Using SMOG Readability Formula.....	45
 <b>CHAPTER VI: CONCLUSION AND SUGGESTION</b>	
6.1 Conclusion .....	48
6.2 Suggestion .....	49
 <b>REFERENCES</b> .....	50
<b>APPENDICES</b> .....	52
<b>STATEMENT</b> .....	85
<b>CURRICULUM VITAE</b> .....	88



## LIST OF TABLES

Table	Page
2.1 Adjusted Grade Level of New Dale-Chall Formula .....	21
3.1 The Table for Number of Sentences and Syllables .....	28
3.2 The Data of Number of Sentences and Syllables .....	31
4.1 The Number of Sentences, and Syllables in Every Three-100 Words of the Four Texts.....	35
4.2 The Number of Sentences, and Polysyllables in Every 30 Sentences of the Four Texts.....	36
4.3 The Calculation of Every Three-100 Words of the Four Texts.....	37



## LIST OF FIGURE/DIAGRAM

Figure	Page
2.1 Fry Grpah for Estimating Reading Ages (Grade Level).....	19
2.2 Fry Graph for Estimating Reading Ages (in years). ....	19
3.1 Fry Graph for Estimating Reading Ages (Grade Level).....	29
4.1 The Readability Level of Text 1 (The Enchanted Fish) .....	38
4.2 The Readability Level of Text 2 (Bullying: A Cancer that Must be Eradicated).....	38
4.3 The Readability Level of Text 3 (President of Indonesia) .....	39
4.4 The Readability Level of Text 4 (Letter to God).....	40



## LIST OF APPENDICES

Appendices	Page
1 The Original Reading Texts .....	53
2 The Calculation of Polysyllables in 30 Sentences bu Using SMOG...	66
3 The Calculation of Number of Syllables and Sentences in Every Three-100 Words by Using Fry Graph.....	79

